# CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001: 2015 Certified Company
*NABL Accredited As Per ISO/IEC : 17025:2005 Laboratory*

JAS-ANZ
ISO 9001:2000 CERTIFIED


Job No.: CQCE/BBMP/PRN/W No.16/2020-21

06.06.2020

## TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

**Client** : **Executive Engineer,** Project Division RR Nagar Zone, BBMP, Bangalore.

**Contractor** : **Sri. Purushotham Raju N (Nadimpalli Purushotham Raju),** Contractor, Bangalore

**Name of the work** : Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16, BBMP, Bangalore.

**Sample ID** : Cement Concrete 3rd Floor Column

**Size of cubes** : 150mmx150mmx150mm

**Cross Sectional Area** : 22500 $mm^2$

**Technical Reference** : IS: 516-1959 (Reaffirmed 2008)

**Grade of Concrete** : $M_{25}$

**Compressive Strength as on** : 7th day

| Sl.No. | Date of casting | Date of testing | Weight of cube (Kg) | Failure load (KN) | Compressive strength ($N/mm^2$) |
|---|---|---|---|---|---|
| 1 | 30.05.2020 | 06.06.2020 | 8.188 | 398.6 | 17.72 |
| 2 | 30.05.2020 | 06.06.2020 | 8.195 | 405.2 | 18.01 |
| 3 | 30.05.2020 | 06.06.2020 | 8.193 | 412.3 | 18.32 |

Note:

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3. Any Query regarding the report must be reported within 30 days from the date of testing.

AE / JE (P) RRN

Assistant Executive Engineer
R.R. Nagar Project Sub-Division-01
Bruhat Bengaluru Mahanagara Palike

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory


Office & Laboratory : # 133, Bhuvaneshwarinagar, Dodda Basti Main Road, Bangalore - 560 056.
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27.06.2020

Job No.: CQCE/BBMP/PRN/W No.16/2020-21

## TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

**Client** : **Executive Engineer,** Project Division RR Nagar Zone, BBMP, Bangalore.

**Contractor** : **Sri. Purushotham Raju N (Nadimpalli Purushotham Raju),** Contractor, Bangalore

**Name of the work** : Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16, BBMP, Bangalore.

**Sample ID** : Cement Concrete 3rd Floor Column

**Size of cubes** : 150mmx150mmx150mm

**Cross Sectional Area** : 22500 $mm^2$

**Technical Reference** : IS: 516-1959 (Reaffirmed 2008)

**Grade of Concrete** : $M_{25}$

**Compressive Strength as on** : 28th day

| Sl.No. | Date of casting | Date of testing | Weight of cube (Kg) | Failure load (KN) | Compressive strength ($N/mm^2$) |
|---|---|---|---|---|---|
| 1 | 30.05.2020 | 27.06.2020 | 8.188 | 635.2 | 28.23 |
| 2 | 30.05.2020 | 27.06.2020 | 8.176 | 619.6 | 27.54 |
| 3 | 30.05.2020 | 27.06.2020 | 8.191 | 620.3 | 27.57 |

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Job No.: CQCE/BBMP/PRN/W No.16/2020-21 13.06.2020

## TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

**Client** : **Executive Engineer,** Project Division RR Nagar Zone, BBMP, Bangalore.

**Contractor** : **Sri. Purushotham Raju N (Nadimpalli Purushotham Raju),** Contractor, Bangalore

**Name of the work** : Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16, BBMP, Bangalore.

**Sample ID** : Cement Concrete - 3rd Floor Roof Slab

**Size of cubes** : 150mmx150mmx150mm

**Cross Sectional Area** : 22500 $mm^2$

**Technical Reference** : IS: 516-1959 (Reaffirmed 2008)

**Grade of Concrete** : $M_{25}$

**Compressive Strength as on** : 7th day

| Sl.No. | Date of casting | Date of testing | Weight of cube (Kg) | Failure load (KN) | Compressive strength ($N/mm^2$) |
|---|---|---|---|---|---|
| 1 | 06.06.2020 | 13.06.2020 | 8.168 | 390.3 | 17.35 |
| 2 | 06.06.2020 | 13.06.2020 | 8.175 | 402.2 | 17.88 |
| 3 | 06.06.2020 | 13.06.2020 | 8.150 | 416.8 | 18.52 |

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Job No.: CQCE/BBMP/PRN/W No.16/2020-21

04.07.2020

## TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

| | |
|---|---|
| **Client** | : **Executive Engineer,** Project Division RR Nagar Zone, BBMP, Bangalore. |
| **Contractor** | : **Sri. Purushotham Raju N (Nadimpalli Purushotham Raju),** Contractor, Bangalore |
| **Name of the work** | : Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16, BBMP, Bangalore. |
| **Sample ID** | : Cement Concrete - 3rd Floor Roof Slab |
| **Size of cubes** | : 150mmx150mmx150mm |
| **Cross Sectional Area** | : 22500 $mm^2$ |
| **Technical Reference** | : IS: 516-1959 (Reaffirmed 2008) |
| **Grade of Concrete** | : $M_{25}$ |
| **Compressive Strength as on** | : 28th day |

| Sl.No. | Date of casting | Date of testing | Weight of cube (Kg) | Failure load (KN) | Compressive strength ($N/mm^2$) |
|---|---|---|---|---|---|
| 1 | 06.06.2020 | 04.07.2020 | 8.184 | 635.2 | 28.23 |
| 2 | 06.06.2020 | 04.07.2020 | 8.169 | 615.2 | 27.34 |
| 3 | 06.06.2020 | 04.07.2020 | 8.115 | 606.8 | 26.97 |

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Job No.: CQCE/BBMP/PRN/W No.16/2020-21 13.06.2020

## TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

| | |
|---|---|
| **Client** | **: Executive Engineer,** Project Division RR Nagar Zone, BBMP, Bangalore. |
| **Contractor** | **: Sri. Purushotham Raju N (Nadimpalli Purushotham Raju),** Contractor, Bangalore |
| **Name of the work** | : Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16, BBMP, Bangalore. |
| **Sample ID** | : Cement Concrete - 3rd Floor Roof Slab |
| **Size of cubes** | : 150mmx150mmx150mm |
| **Cross Sectional Area** | : 22500 $mm^2$ |
| **Technical Reference** | : IS: 516-1959 (Reaffirmed 2008) |
| **Grade of Concrete** | : $M_{25}$ |
| **Compressive Strength as on** | : 7th day |

| Sl.No. | Date of casting | Date of testing | Weight of cube (Kg) | Failure load (KN) | Compressive strength ($N/mm^2$) |
|---|---|---|---|---|---|
| 1 | 06.06.2020 | 13.06.2020 | 8.165 | 416.2 | 18.50 |
| 2 | 06.06.2020 | 13.06.2020 | 8.150 | 400.5 | 17.80 |
| 3 | 06.06.2020 | 13.06.2020 | 8.142 | 389.6 | 17.32 |

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Job No.: CQCE/BBMP/PRN/W No.16/2020-21 04.07.2020

## TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

**Client** : **Executive Engineer,** Project Division RR Nagar Zone, BBMP, Bangalore.

**Contractor** : **Sri. Purushotham Raju N (Nadimpalli Purushotham Raju),** Contractor, Bangalore

**Name of the work** : Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16, BBMP, Bangalore.

**Sample ID** : Cement Concrete - 3rd Floor Roof Slab

**Size of cubes** : 150mmx150mmx150mm

**Cross Sectional Area** : 22500 $mm^2$

**Technical Reference** : IS: 516-1959 (Reaffirmed 2008)

**Grade of Concrete** : $M_{25}$

**Compressive Strength as on** : 28th day

| Sl.No. | Date of casting | Date of testing | Weight of cube (Kg) | Failure load (KN) | Compressive strength ($N/mm^2$) |
|---|---|---|---|---|---|
| 1 | 06.06.2020 | 04.07.2020 | 8.145 | 635.2 | 28.23 |
| 2 | 06.06.2020 | 04.07.2020 | 8.168 | 615.2 | 27.34 |
| 3 | 06.06.2020 | 04.07.2020 | 8.172 | 628.9 | 27.95 |

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13.06.2020

## TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

**Client** : **Executive Engineer,** Project Division RR Nagar Zone, BBMP, Bangalore.

**Contractor** : **Sri. Purushotham Raju N (Nadimpalli Purushotham Raju),** Contractor, Bangalore

**Name of the work** : Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16, BBMP, Bangalore.

**Sample ID** : Cement Concrete - 3rd Floor Roof Slab

**Size of cubes** : 150mmx150mmx150mm

**Cross Sectional Area** : 22500 $mm^2$

**Technical Reference** : IS: 516-1959 (Reaffirmed 2008)

**Grade of Concrete** : $M_{25}$

**Compressive Strength as on** : 7th day

| Sl.No. | Date of casting | Date of testing | Weight of cube (Kg) | Failure load (KN) | Compressive strength ($N/mm^2$) |
|---|---|---|---|---|---|
| 1 | 06.06.2020 | 13.06.2020 | 8.198 | 399.6 | 17.76 |
| 2 | 06.06.2020 | 13.06.2020 | 8.184 | 416.2 | 18.50 |
| 3 | 06.06.2020 | 13.06.2020 | 8.169 | 401.2 | 17.83 |

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## TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

**Client** : **Executive Engineer,** Project Division RR Nagar Zone, BBMP, Bangalore.

**Contractor** : **Sri. Purushotham Raju N (Nadimpalli Purushotham Raju),** Contractor, Bangalore

**Name of the work** : Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16, BBMP, Bangalore.

**Sample ID** : Cement Concrete - 3rd Floor Roof Slab

**Size of cubes** : 150mmx150mmx150mm

**Cross Sectional Area** : 22500 $mm^2$

**Technical Reference** : IS: 516-1959 (Reaffirmed 2008)

**Grade of Concrete** : $M_{25}$

**Compressive Strength as on** : 28th day

| Sl.No. | Date of casting | Date of testing | Weight of cube (Kg) | Failure load (KN) | Compressive strength ($N/mm^2$) |
|---|---|---|---|---|---|
| 1 | 06.06.2020 | 04.07.2020 | 8.188 | 635.2 | 28.23 |
| 2 | 06.06.2020 | 04.07.2020 | 8.176 | 616.5 | 27.40 |
| 3 | 06.06.2020 | 04.07.2020 | 8.145 | 598.6 | 26.60 |

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